

South Dakota Weekly Crop Weather Report

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SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Soybeans, sunflowers, and sorghum are reaching maturity slightly behind the pace of the five-year average. Precipitation throughout the state last week improved topsoil moisture while subsoil moisture improved only slightly. The rainfall also slowed harvest activities with only 3.7 days suitable for fieldwork. The winter wheat crop seeding has continued with some now emerging. Preparing for harvest, fixing fence, and tending to livestock were the main activities on farms last week.

This report is based on information from county extension educators, Farm Service Agency county directors, and other reporters across the state.

WEATHER INFORMATION

Cooler temperatures prevailed last week with most of the state getting some frost. Temperatures ranged from 13 degrees below normal to 7 degrees below normal with averages from the upper 40's to lower 50's. Oelrichs reported the high for the week, at 76 degrees, while Porcupine had the low for the week, at 25 degrees. Showers fell around most of the state with the central and north central part receiving the least precipitation. The northern Black Hills received the most precipitation, with Spearfish receiving 4.37 inches.

SOIL CONDITION

The topsoil moisture level improved notably across the state last week. Topsoil moisture levels improved from 55 percent adequate to surplus the previous week, to 73 percent adequate to surplus last week. To a lesser extent, subsoil moisture levels improved from 38 percent the previous week, to 43 percent adequate to surplus last week.

FIELD CROPS REPORT

Varying levels of frost in much of the state last week pushed the maturation of row crops forward. Corn has moved past the dented stage to the point that 60 percent is rated mature which is behind last year's 70 percent, but ahead of the five-year average of 56 percent. Corn silage harvest has steadily progressed to 91 percent complete, ahead of 85 percent last year and the five-year average of 78 percent. Corn harvested for grain has begun with 6 percent of the harvest complete. Soybeans dropping leaves is rated at 90 percent, which is behind last year's 94 percent, but ahead of the five-year average of 86 percent. The soybean crop has 38 percent rated mature, behind last year's 59 percent and the five-year average of 43 percent. Only 2 percent of the soybean crop has been harvested. Sunflowers are rated 96 percent with ray flowers dry. Sunflowers with bracts turning yellow has reached 82 percent right on the five-year average, while 25 percent of the sunflower crop is rated mature, the same as last year. The sorghum crop has nearly completed turning color at 97 percent. Forty-five percent of the sorghum is rated mature, behind last year's 58 percent and the five-year average of 49 percent. Sorghum silage harvest is nearing completion at 92 percent complete, ahead of last year, at 88 percent, and the five-year average of 71 percent. Winter wheat seeding has reached 64 percent complete with 19 percent emerged, both ahead of last year and the five-year averages.

LIVESTOCK, PASTURE, AND RANGE REPORT

Range and pasture conditions have held steady this past week with 32 percent rated fair and 22 percent rated good to excellent. Last week's rainfall did not produce much runoff for stock water supplies. As a result, stock water supplies have also held steady with 42 percent rated adequate to surplus compared to 43 percent last week. The third cutting of alfalfa has continued to progress similar to both last year and the five-year average, with 83 percent harvested.

Feed and Water Supplies Comparison as of September 24, 2006

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	17	3	11	29	16	22
Short	27	10	22	29	23	25
Adequate	55	78	63	40	58	51
Surplus	1	9	4	2	3	2

Soil Moisture Condition Comparison as of September 24, 2006

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	10	19	20	27	36	25
Short	17	26	22	30	26	28
Adequate	69	52	54	41	36	45
Surplus	4	3	4	2	2	2

Crop and Livestock Conditions as of September 24, 2006

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	22	25	25	24	4
Soybeans	8	15	32	37	8
Sorghum	20	32	36	8	4
Sunflower	28	25	33	13	1
Alfalfa	19	23	31	23	4
Cattle	0	4	23	58	15
Sheep	0	2	18	61	19
Range & Pasture	19	27	32	20	2

Crop Progress as of September 24, 2006

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	64	36	62	51
Emerged	19	3	12	14
Corn				
Mature	60	36	70	56
Grain Harvested	6	3	7	5
Silage Harvested	91	82	85	78
Soybeans				
Dropping Leaves	90	65	94	86
Mature	38	9	59	43
Harvested	2	1	13	8
Sorghum				
Coloring	97	93	96	96
Mature	45	31	58	49
Grain Harvested	4	2	11	9
Silage Harvested	92	80	88	71
Sunflower				
Ray Flowers Dry	96	91	96	95
Bracts Yellow	82	75	84	82
Mature	25	14	25	34
Harvested	2	1	3	5
Alfalfa				
3rd Cutting	83	81	84	82

¹ Percents represent all acreage in or beyond each stage.



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 24, 2006

District And Station	Temperatures Past Week				Precipitation					Growing Degree Days	
	Average	Departure From Norm	High	Low	Total			Departure From Norm		Accum. Total	Departure From Norm
					Current Week	Since Jan. 1	Since Apr. 1	Since Jan. 1	Since Apr. 1		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	48	-9	65	33	2.77	10.49	8.28	-4.17	-4.42	2,850	552
Buffalo	47	-10	64	32	1.18	8.77	8.21	-3.21	-2.59	2,620	439
Dupree	49	-10	67	33	1.84	10.86	9.05	-3.54	-3.66	3,016	487
McIntosh	49	-8	67	34	1.57	10.59	9.53	-3.77	-3.36	2,977	637
Newell	46	-12	65	28	1.87	12.39	10.95	-0.51	-0.45	2,656	370
Timber Lake	47	-10	66	31	2.35	8.83	7.60	-6.45	-5.72	2,910	521
North Central											
Aberdeen	49	-9	62	27	1.33	14.66	13.62	-1.45	-0.31	2,655	247
Eureka	50	-7	67	31	1.45	12.10	11.47	-2.53	-1.58	2,944	697
Faulkton	48	-11	64	31	1.70	11.75	10.36	-4.33	-3.62	2,853	488
Mobridge	49	-9	63	34	1.61	7.00	6.47	-7.62	-6.25	3,171	711
Roscoe	47	-11	60	34	1.52	13.04	12.30	-3.27	-2.09	2,566	200
Northeast											
Britton	50	-9	65	30	1.16	17.42	15.71	1.27	1.27	2,898	437
Clear Lake	46	-13	57	31	2.08	23.50	21.37	3.24	4.02	2,398	24
Sisseton	49	-11	60	31	1.95	19.23	17.66	1.45	2.31	2,653	139
Webster	49	-8	64	35	1.80	19.63	18.16	1.61	2.43	2,567	216
Watertown	48	-10	59	31	1.25	16.32	15.10	-2.32	-1.01	2,589	210
West Central											
Faith	48	-12	63	32	2.16	11.23	9.78	-3.20	-2.84	2,944	428
Milesville	50	-10	68	30	2.87	13.51	11.86	-2.03	-1.76	3,126	444
Long Valley	51	-11	68	30	1.76	11.55	9.76	-4.12	-4.04	3,120	462
Philip	50	-12	66	32	1.93	9.65	7.59	-4.25	-4.67	3,176	413
Rapid City	49	-9	69	30	1.35	10.90	9.36	-3.37	-2.97	2,962	687
Spearfish	48	-10	63	32	4.37	17.81	15.68	-0.71	-0.05	2,822	654
Central											
Chamberlain	50	-13	64	32	1.88	12.30	9.78	-2.94	-3.69	3,128	213
Highmore	49	-11	64	32	2.07	14.48	13.16	-2.49	-1.74	3,156	527
Huron	50	-10	61	29	1.83	15.41	14.58	-1.71	0.21	2,922	343
Onida	50	-11	70	34	1.43	14.34	12.42	-1.51	-1.10	2,989	287
Pierre	50	-10	63	34	1.42	10.16	8.70	-5.92	-5.34	3,258	483
East Central											
Brookings	47	-10	59	27	1.45	20.88	18.86	1.27	1.23	2,385	235
Madison	47	-11	60	28	1.48	19.88	18.08	-0.14	1.17	2,565	206
Mitchell	49	-12	62	32	1.83	22.85	20.40	4.24	4.42	2,737	-45
Sioux Falls	51	-9	63	31	1.79	23.36	19.84	3.60	2.87	2,843	247
Southwest											
Custer	43	-11	63	29	1.56	16.90	14.29	0.25	-0.48	1,788	287
Hot Springs	51	-10	72	30	0.36	11.38	7.83	-2.44	-4.50	2,829	316
Oelrichs	50	-12	76	26	0.89	14.52	11.89	-0.06	-0.77	2,831	198
Porcupine	48	-12	72	25	3.66	17.70	14.61	3.84	2.23	2,756	234
South Central											
Murdo	49	-11	66	33	2.12	12.23	9.27	-3.26	-3.96	3,162	555
Winner	55	-9	72	35	2.59	15.04	12.16	-5.35	-5.40	3,297	256
Southeast											
Armour	52	-10	69	34	2.20	21.58	19.65	2.10	3.05	3,163	272
Centerville	50	-9	64	33	2.88	23.91	21.51	2.73	3.11	2,850	233
Marion	49	-10	62	31	1.81	24.28	21.24	3.83	3.78	2,693	129
Pickstown	50	-12	65	35	1.64	22.42	19.27	3.60	2.94	2,992	161
Vermillion	54	-9	65	33	1.59	20.39	17.29	-0.39	-0.86	3,292	282
Yankton	50	-11	65	32	1.80	22.32	17.62	2.34	0.15	2,981	215

SOURCE: National Weather Service, provided by AWIS, Inc.